

Abstract:

**Title:** The influence of individual orthoses on ulcer healing in diabetic foot syndrome

**Objectives:** The aim of this study is to evaluate the effectiveness of individual braces and confirm or refute the suitability of these tools for diabetics with diabetic foot syndrome on the basis of statistical evaluation.

**Methods:** This study is a theoretical and empirical, quantitative research was used in the form of a retrospective monitoring during treatment of patients with individual orthoses. Further observations conducted participated. Participated observation was made as a collaboration with orthotics, from which he was readmitted systematically collected data for statistical processing and ran with it professional consultation.

It is an analysis of the data for the period of one year (2013) and their comparison.

I used data from a file made of 32 patients using individual brace. Age and gender were not her concern.

**Results:** The aim of this work was to gather feedback for doctors and orthotics, who are dedicated to patients with diabetic foot syndrome and defects in them. An effort was made on a sample of patients to determine whether it is effective to prescribe and create these patients individual orthoses that will improve healing in them. This is due to statistical evaluation of data provided orthotics succeeded. She also outlined the problem of objectification further research on this topic, however, given other work process on a larger scale.

**Keywords:** relief, orthose, individual utilities, ulceration